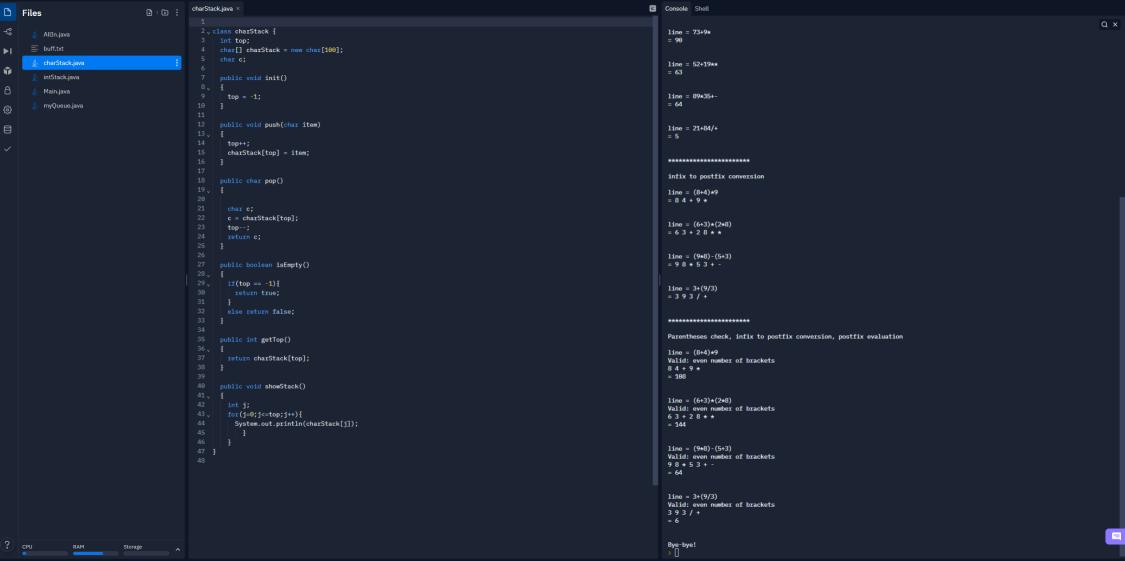
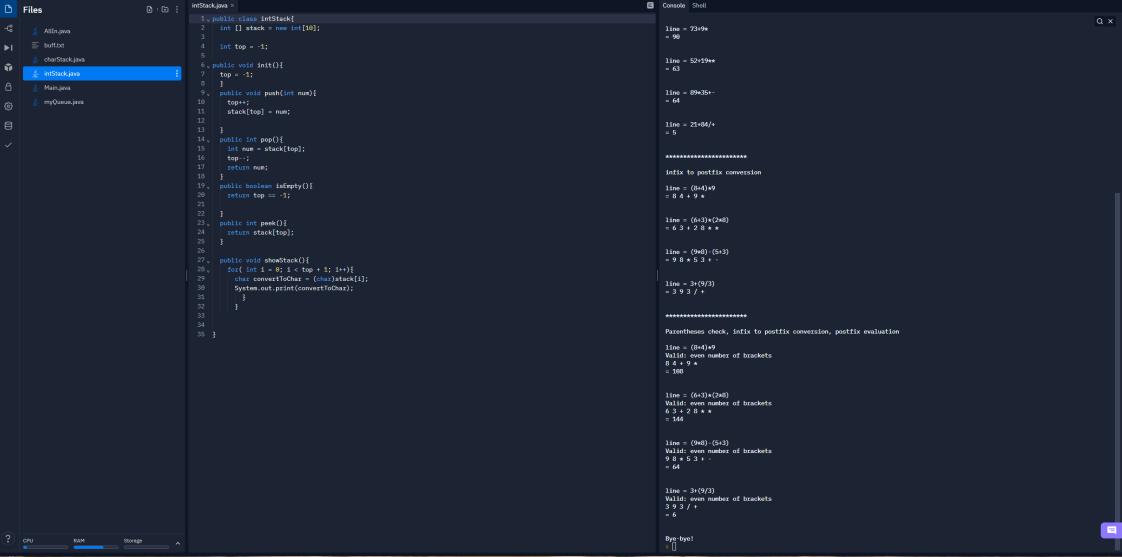
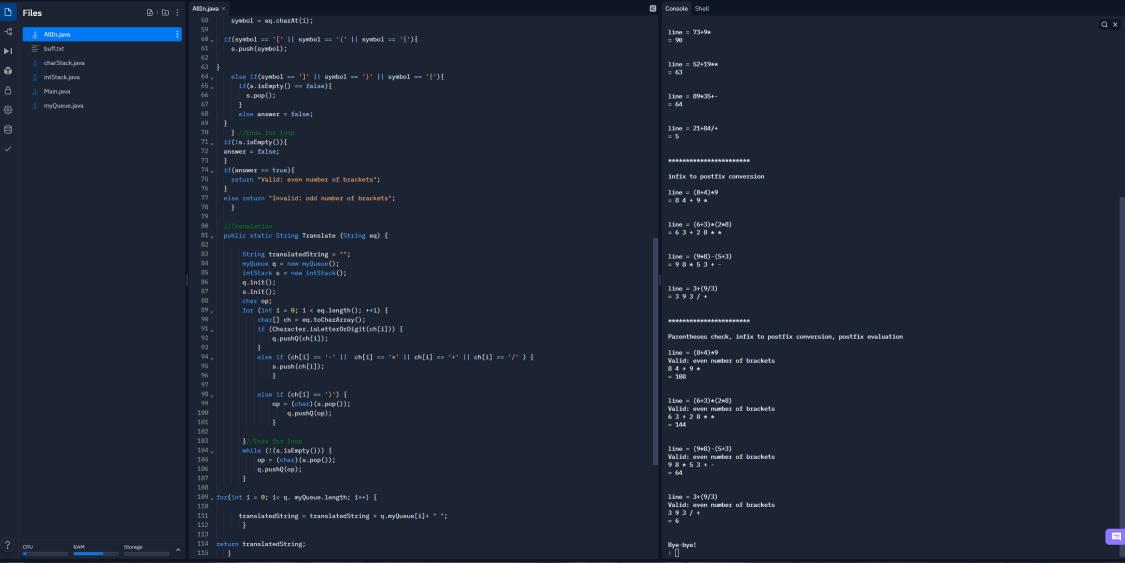
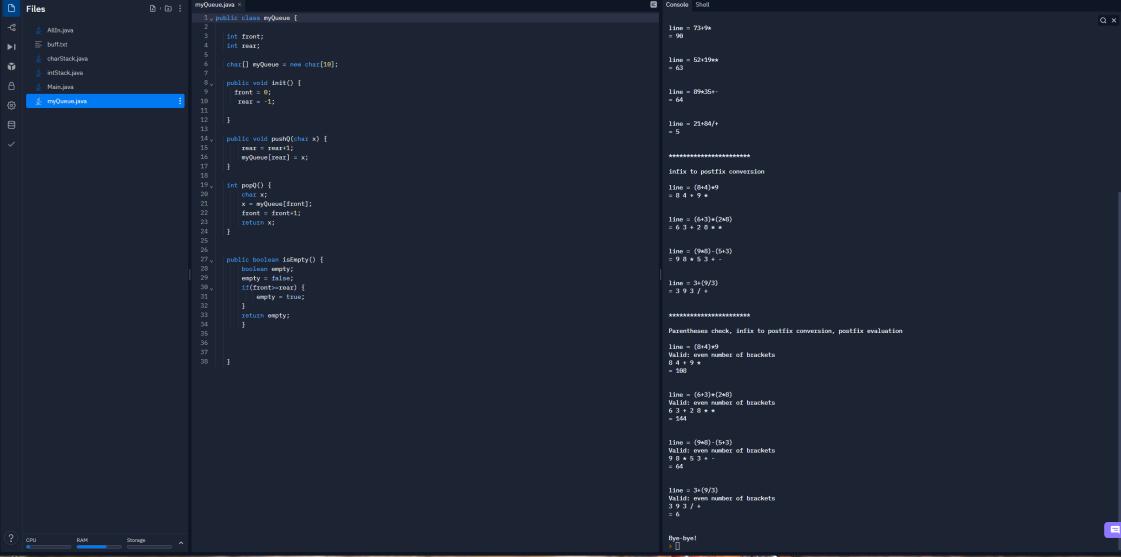
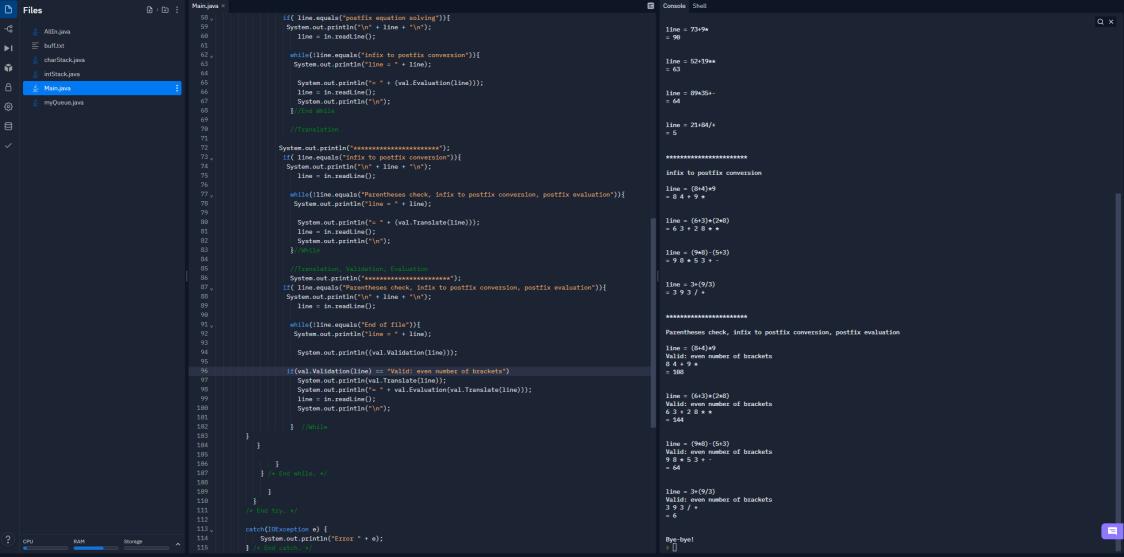
ቦ	Files 🕒 🕒 :	Main.java ×		Console Shell
	3 = 1		t java.util.Scanner;	> sh -c javac -classpath .:target/dependency/ -d . \$(findtype f -name '*.java') Q X
දී	🚣 AllIn.java		t java.io.*;	Note: ./Main.java uses or overrides a deprecated API. Note: Recompile with -Xlint:deprecation for details.
▶I	≣ buff.txt		. java.10.∗,	java -classpath .:target/dependency/* Main
-	♣ charStack.java		c class Main extends AllIn {	Hello TV land! Constructor
Û			ing fname;	Enter file name please.
		8 , pu	ublic Main() {	buff.txt You entered buff.txt
a	🚣 Main.java		System.out.println("Constructor");	
63	myQueue.java		<pre>getFileName();</pre>	parentheses tests
		11 12 }	readFileContents();	
			<pre>public void getFileName()</pre>	((1+2)*3
				Invalid: odd number of brackets
			Scanner in = new Scanner(System.in);	
			System.out.println("Enter file name please.");	- I I
			<pre>fname = in.nextLine();</pre>	(1+2))*3
			System.out.println("You entered "+fname);	Invalid: odd number of brackets
			ublic void readFileContents()	
			boolean looping;	y=(z*j)/(b*8)+2
			DataInputStream in; String line;	Valid: even number of brackets
			int j, len;	
			char ch;	**********
				postfix equation solving
			try {	line = 73+9*
			<pre>in = new DataInputStream(new FileInputStream(fname));</pre>	110e - /377* = 90
			Justine - tomat	
		34 ,	looping = true; while(looping) {	line = 52*19**
				= 63
			<pre>if (null == (line = in.readLine())) {</pre>	
			looping = false; /* Close and free up system resource. */	line = 89x35+- = 64
			in.close();	
				line = 21+84/+
			else { AllIn val = new AllIn();	= 5
			//Validation	
			<pre>if(line.equals("parentheses tests")){</pre>	**********
			<pre>System.out.println("\n" + line + "\n"); line = in.readLine();</pre>	infix to postfix conversion
			Till - In Federation (),	
			<pre>while(!line.equals("postfix equation solving")){</pre>	line = $(8+4) *9$ = $8 + 9 *$
			Sustan sub swintla("la" : line : "la"): Sustan sub swintla((usl Validation(line))):	
			System.out.println("\n" + line + "\n"); System.out.println((val.Validation(line)));	line = $(6+3)*(2*8)$
			line = in.readLine();	= 6 3 + 2 8 * *
			System.out.println("\n");	
		54 55		line = (9x8)-(5+3)
				= 98 * 53 + -
	CPU RAM Storage		System.out.println("************************************	_
			<pre>if(line.equals("postfix equation solving")){</pre>	line = 3+(9/3)

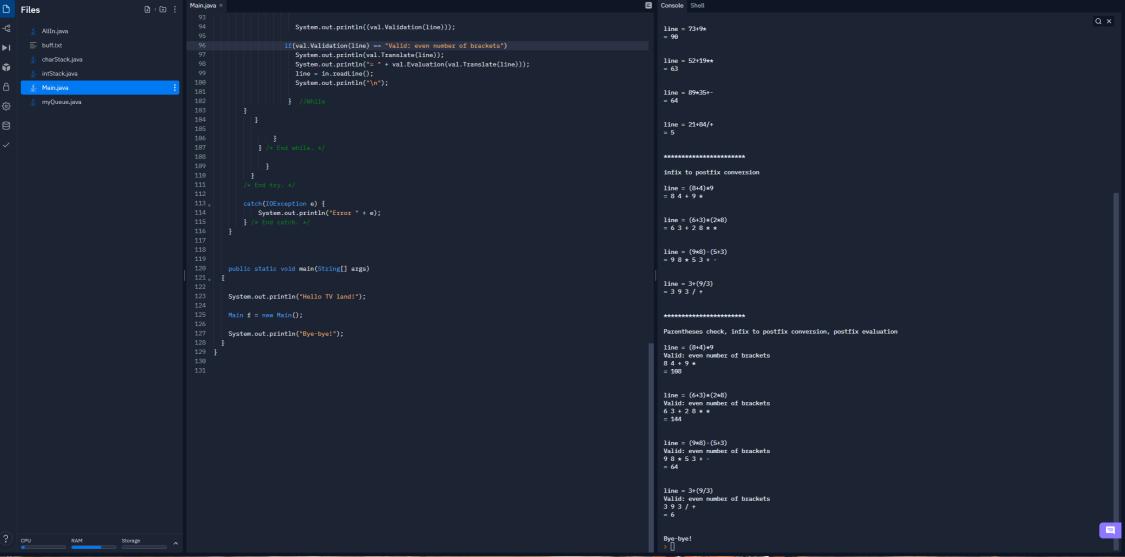


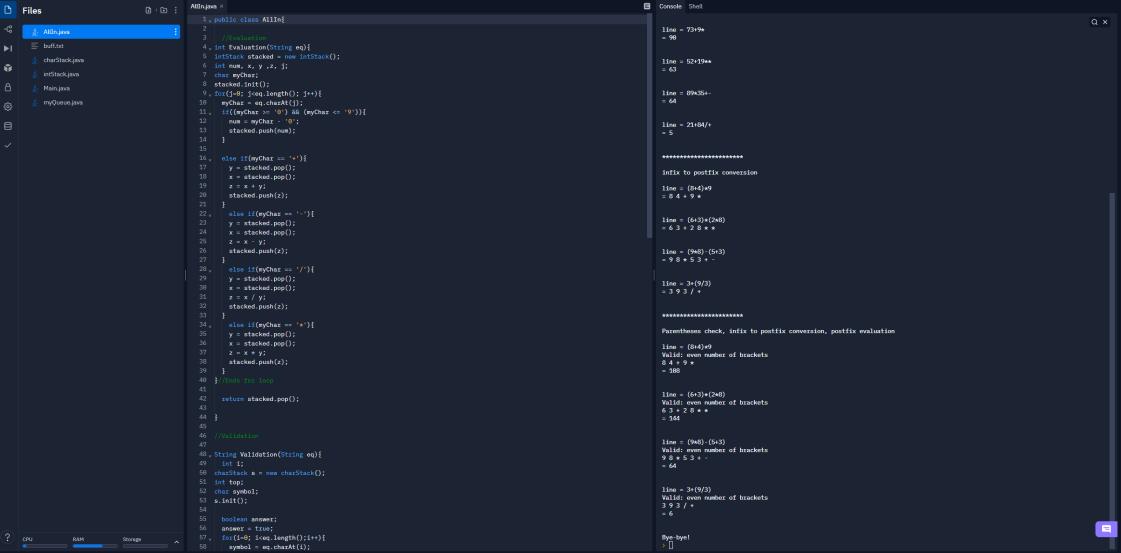












```
line = 73+9*
= 90
line = 52+19**
= 63
line = 89*35+-
= 64
line = 21+84/+
= 5
*******
infix to postfix conversion
line = (8+4)*9
= 84 + 9 *
line = (6+3)*(2*8)
= 63 + 28 * *
line = (9*8)-(5+3)
= 98 * 53 + -
```

 $Q \times$

sh -c javac -classpath .:target/dependency/ -d . \$(find . -type f -name '*.java')

Note: ./Main.java uses or overrides a deprecated API. Note: Recompile with -Xlint:deprecation for details.

iava -classpath .:target/dependency/* Main

Hello TV land! Constructor

buff.txt

((1+2)*3

(1+2))*3

y=(z*j)/(b*8)+2

Enter file name please.

Invalid: odd number of brackets

Invalid: odd number of brackets

Valid: even number of brackets

postfix equation solving

You entered buff.txt

parentheses tests

```
line = 52+19**
= 63
line = 89*35+-
= 64
line = 21+84/+
= 5
********
infix to postfix conversion
line = (8+4)*9
= 84 + 9 *
line = (6+3)*(2*8)
= 63 + 28 * *
line = (9*8)-(5+3)
= 98 * 53 + -
line = 3+(9/3)
= 3 9 3 / +
*******
Parentheses check, infix to postfix conversion, postfix evaluation
line = (8+4)*9
Valid: even number of brackets
84 + 9 *
= 108
line = (6+3)*(2*8)
Valid: even number of brackets
63+28 * *
= 144
line = (9*8)-(5+3)
Valid: even number of brackets
98 * 53 + -
= 64
```

3 9 3 / + = 6

line = 3+(9/3)

Valid: even number of brackets